

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **63-061203**

(43)Date of publication of application : **17.03.1988**

(51)Int.Cl.

**G02B 5/30**

**G02F 1/13**

(21)Application number : **61-205446**

(71)Applicant : **MITSUBISHI CHEM IND LTD**

(22)Date of filing : **01.09.1986**

(72)Inventor : **AOYANAGI YOSHIKUNI  
OKUMURA SHOGO**

## (54) POLARIZING PLATE AND ITS PRODUCTION

(57)Abstract:

**PURPOSE:** To eliminate vertical cracking and surface roughness at the time of forming a polarizing film by laminating a protective layer consisting of a thermoplastic resin to one or both faces of the polarizing film consisting of a thermotropic liquid crystalline polymer and dichromatic dye.

**CONSTITUTION:** The protective layer consisting of the thermoplastic resin (e.g.: polycarbonate) is laminated on at least one face of the polarizing film consisting of the thermotropic liquid crystalline polymer (e.g.: thermotropic liquid crystalline polyester) and dichromatic dye. This polarizing plate is produced by separately kneading and melting the compsn. prepd. by adding the dichromatic dye to the above-mentioned liquid crystalline polymer and the transparent resin, then forming the protective layer consisting of the transparent resin on one or both faces of the polarizing film by a co-extrusion method. The polarizing plate having the excellent polarizing performance and dynamical strength is thus obtd. by the simple method.

REDACTED

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

REDACTED

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office

YNG 001098